

BLAST REPORT

BLAST REPORT # WS 14☐ Sanders Construction, Inc.☒ Western States Drilling & Blasting, Inc.DATE: 8-3-10EXACT TIME OF SHOT: 8:08 PMCUSTOMER: KLBJOB NO.: WS21005SHOT LOCATION WITH GPS COORDINATES: LW1316+50 to
1319+25 Production Bench 2

TICKET NO.: _____

CHECK LIST COMPLETED: (YES) NOTYPE OF ROCK: Basalt FACE HEIGHT: 24 FT. POUNDS PER DELAY: 77.4 maxTOTAL HOLES: 33NUMBER OF HOLES: 33HOLE DIA: 4" B x S 8 x 9 STEMMING: 10' 4' DEPTH: 22' - 7'NUMBER OF HOLES: -HOLE DIA: - B x S - x -STEMMING: - DEPTH: -POWDER FACTOR: .81LBS. OF EXPLOSIVES: 1615 lbsYARDS OF ROCK: 1995 yds

WEATHER: _____

WIND: _____

EXACT MONITOR LOCATION(GPS): LW1315+50 DIRECTION OF BLAST: E/NE MONITOR TYPE: EX AD-8MONITOR: L/R _____ T _____ V .16 PVS .19 Db 124 MONITOR SERIAL NO.: 829DISTANCE TO BLAST: 100' AVERAGE POUNDS PER HOLE: 77.4 OPERATOR: Vic Bronson

EXACT MONITOR LOCATION(GPS): _____ DIRECTION OF BLAST: _____ MONITOR TYPE: _____

MONITOR: L/R _____ T _____ V _____ PVS _____ Db _____ MONITOR SERIAL NO.: _____

DISTANCE TO BLAST: _____ AVERAGE POUNDS PER HOLE: _____ OPERATOR: _____

EXPLOSIVES

DESCRIPTION	QUANTITY USED	DATE CODE	MAGAZINE	REMOVED	RETURNED
LOCATION:					
BULK A/N <u>32</u>	<u>1600</u> Lbs	<u>Jan 25 10</u>		<u>53</u>	<u>21</u>
BAG ANFO	Bags				
POWDER	ea.				
POWDER <u>1 1/2 x 8 w/guys</u>	<u>33</u> ea.	<u>070622</u>		<u>66</u>	<u>33</u>
lb. BOOSTER	ea.				
lb. BOOSTER	ea.				
<u>40</u> ft. <u>Haulers</u>	<u>33</u> ea.	<u>05060939</u>		<u>50</u>	<u>17</u>
ft.	ea.				
ft.	ea.				
ft.	ea.				
ft.	ea.				
ft.	ea.				
ft. ms	ea.				
	ft.				
	ft.				
GRAIN CORD	ft.				
GRAIN CORD	ft.				
MISCELLANEOUS					

COMMENTS:

Production shot on Bench 2 shot went well
NO impact to Roadway.BLASTER'S SIGNATURE: CharlieLICENSE NO.: U21262

Revised 03/04

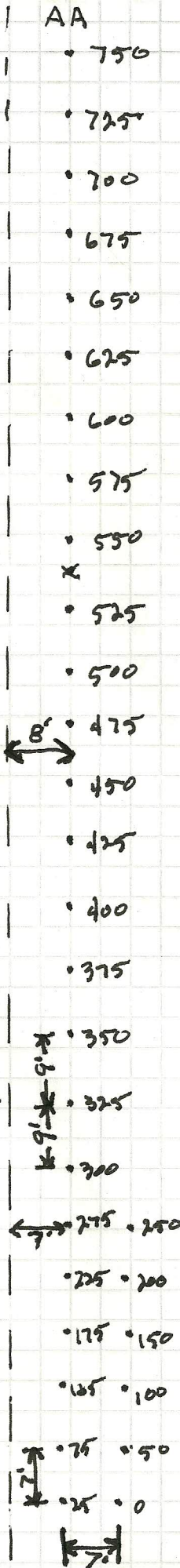
ATTACH SKETCH OF SHOT

THIS FORM MUST BE FILLED OUT COMPLETELY

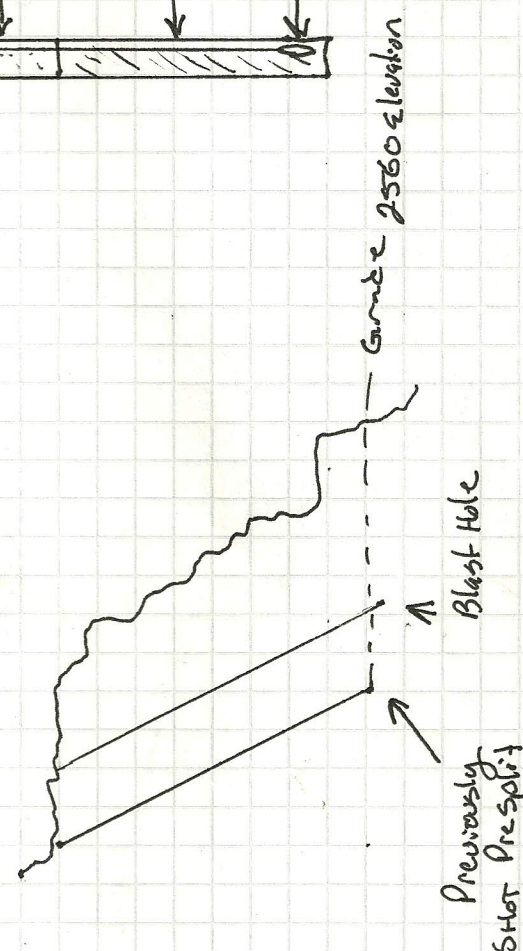
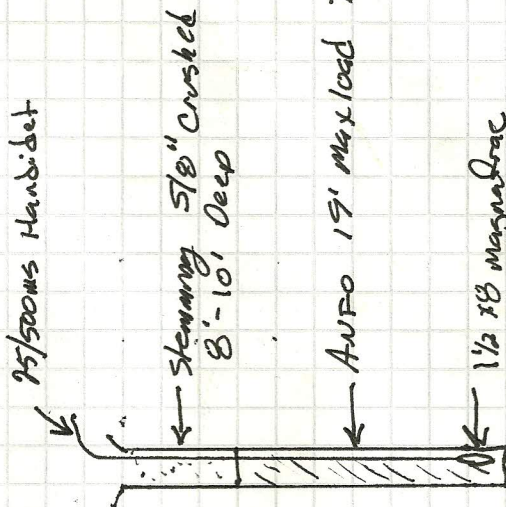
Blast WS 14
 8:08 Start Time
 8-3-10
 Production Bench 2

Previously shot Asplit

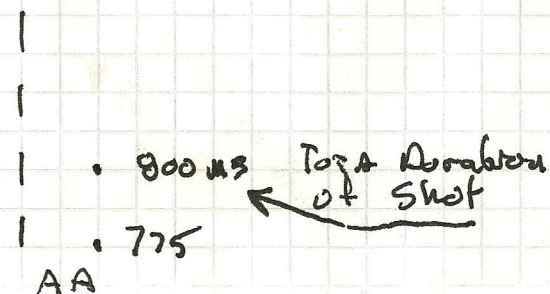
1316+50



Two Rows Required Due to short Holes 7' to Grade.



1319+25



Total Duration of Shot

Check List

Date 8-3-10

Job Number WS 21005

Shot Number WS 14

1. BEFORE BLASTING

NOTIFICATION

- ☒ Fire Department
- ☒ Utilities
- ☒ Businesses & Home Owners
- ☒ Seismograph Tech
- ☐ Other (List)

MATERIAL & EQUIPMENT

- ☒ Adequate Stemming Material
- ☒ Warning Signs
- ☒ Warning Signals
- ☒ Safe Amount of Lead Line
- ☒ Seismograph Paper, Pens, etc.
- ☒ Fire Extinguishers (charged)
- ☒ Adequate Blasting Shelter
- ☒ Mats (If Applicable)

SHOT DESIGN

- ☒ Pattern OK for Area
- ☒ Sufficient Burden to Face
- ☒ Reviewed drill logs
- ☒ Measured Depth, Burden & Spacing
- ☒ Shot Area Posted & Secure
- ☒ Shot Diagrammed on Back

2. DURING LOADING

CONSTANT CHECKS

- ☒ Explosives
- ☒ Running Inventory
- ☒ Access Row Empty
- ☒ Drills & Traffic 50' Away
- ☒ Shot can be fired in case of emergency

All Holes to be checked & approved

- ☒ Blaster initial
- ☒ Supt initial

3. DETONATION

HOOK - UP

- ☒ All Unnecessary Crew Cleared
- ☒ All Holes Loaded & Stemmed
- ☒ Hand Check tubing Before Each Connection
- ☒ Visually Insured That Each Connection is Snapped

SECURE AREA

- ☒ Set up Seismograph
- ☒ Est. Checkpoints at Each Access
- ☒ Radio Communication with Checkpoints.
- ☒ Cleared People, Vehicles & Equipment
- ☒ Visual Coverage of Entire Site
- ☒ Five Minute Warning
- ☒ One Minute Warning

4. AFTER DETONATION

POST BLAST CHECK

- ☒ Waited for Dust & Fumes to Dissipate
- ☒ Walked Entire Area of Shot
- ☒ Insured that tail Surface Delays Fired at the End of Each Row
- ☒ Sounded All Clear Signal

LEGAL DOCUMENTATION

- ☒ Completed Shot Report
- ☒ Diagramed Shot w/ Seismograph Location (Direction & Distance)
- ☒ Recorded Seismic Results on Blast Report
- ☒ Final Inventory of Explosives Recorded
- ☒ Ticket Number Assigned By Job Supervisor
- ☒ Signed Blast Report w/ License No.

Supt has checked and verified that all has been completed and shot area is ready for loading



Supt initial